SYSTEM AND METHOD FOR DATA MANAGEMENT

ABSTRACT

An automated data management system and method for logging, processing, and reporting a large volume of data having different file types, using different versions, stored on different media, and/or run by different operating systems, includes a first processor for restoring a plurality of received data files, the data files being capable of being different file types; a file organizing/categorizing processor for organizing the received data files into data slices, each data slice including an identification number and a descriptor that describes characteristics of the received data file; a file logging processor for logging the received data files into a first database based on the data slices; a data uploading processor for uploading the first database to a second database; a de-duplicate processor for calculating a SHA value of the received data files to determine whether the received data files have duplicates and flagging duplicated data files in the second database; an image conversion processor for converting at least a portion of the received data files into image files; and a second processor for exporting the image files.